Structural Control of Compressibility and Mechanics of Borosilicate Glasses

Invited Talk

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GLASS SCIENCE DAY

4th edition –"TOWARD DAMAGE RESISTANT GLASSES"

***Glass and Mechanics Dept., IPR, UMR 6251, University of Rennes 1, Fr ***

Seminars

Feb. 24th, 15:00 **Morten M. SMEDSKJAER**

(Dept. Chemistry and Bioscience, University of Aalborg, Denmark)

Structural Control of Compressibility and Mechanics of Borosilicate Glasses

15:45 **Lionel MONTAGNE**

(Equipe "Verres et Méthodologie en RMN des solides", UCCS, Université de Lille 1, Fr)

Autonomic self-healing glasses as a mean to enable longer life at high temperature

16:30 **Yann GUEGUEN**

(Dépt. Mécanique et Verres, IPR, UMR 6251, Université de Rennes 1, Fr)

Mechanical energy dissipation through light emission in glass-$SrAl_2O_4$:Eu composite

Feb. 25th, 9:00 **Lothar WONDRACZEK**

(Otto-Schott Institute, Univ. Jena, Germany)

Ultrastrong glasses: State of the art

9:45 **Nicolas MOËS**

(GeM, Institut de Recherche en Génie Civil et Mécanique, Ecole Centrale de Nantes, Fr)

Glass: Brittle or quasi-brittle?

10:30 **Annelise FAIVRE**

(Laboratoire Charles Coulomb, UMR 5221, Université Montpellier 2, Fr)

Micro-plasticity and micro-viscoelastic deformation in oxides glasses

11:15 **Tanguy ROUXEL**

(Dépt. Mécanique et Verres, IPR, UMR 6251, Université de Rennes 1, Fr)

Improving the surface damage resistance by playing on the composition

Wednesday February 24th, 2016 (15:00) - Thursday 25th (12:00)
Amphi. A, bât. 2, Université de Rennes 1, campus de Beaulieu

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